*Fig. 1A*

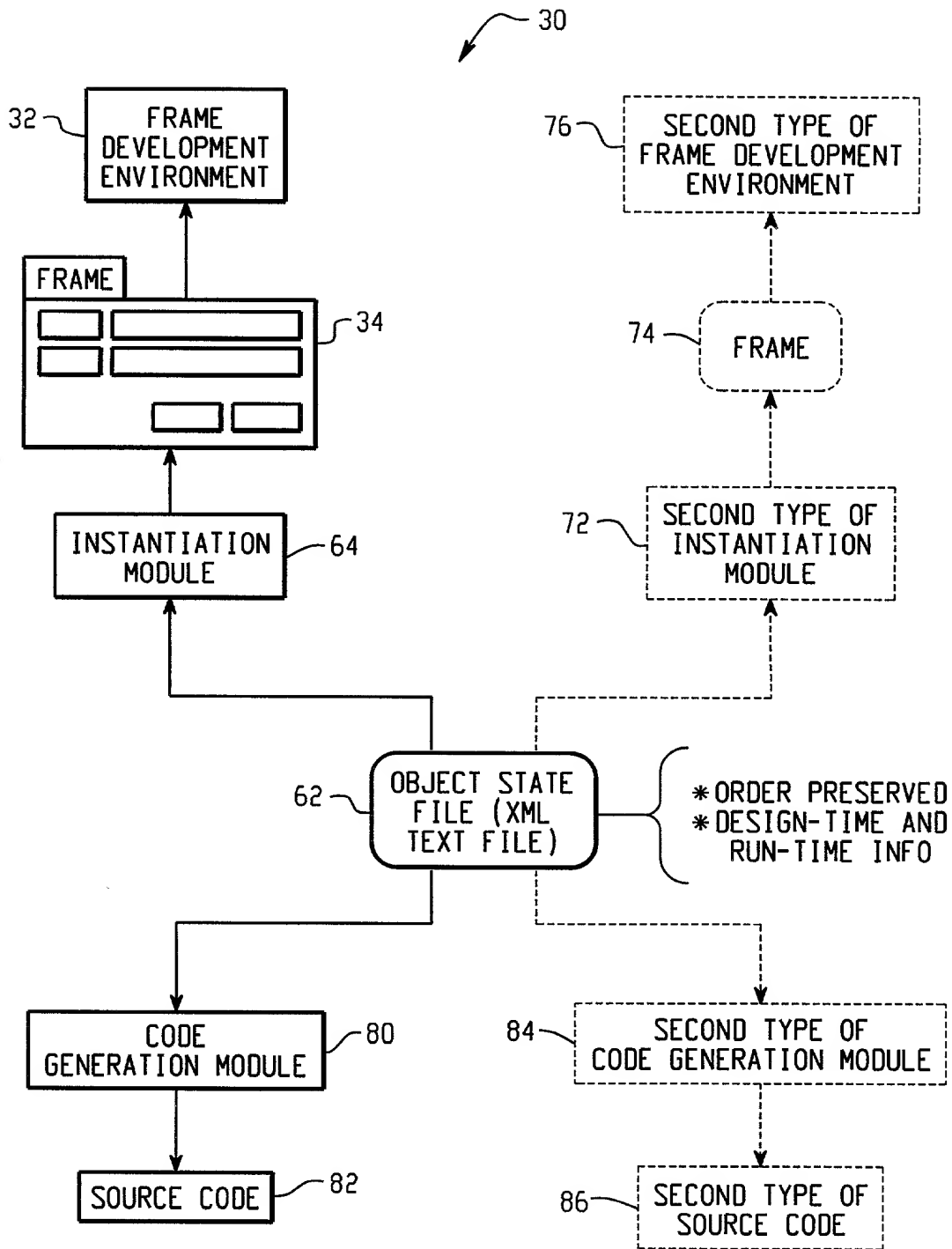


Fig. 1B

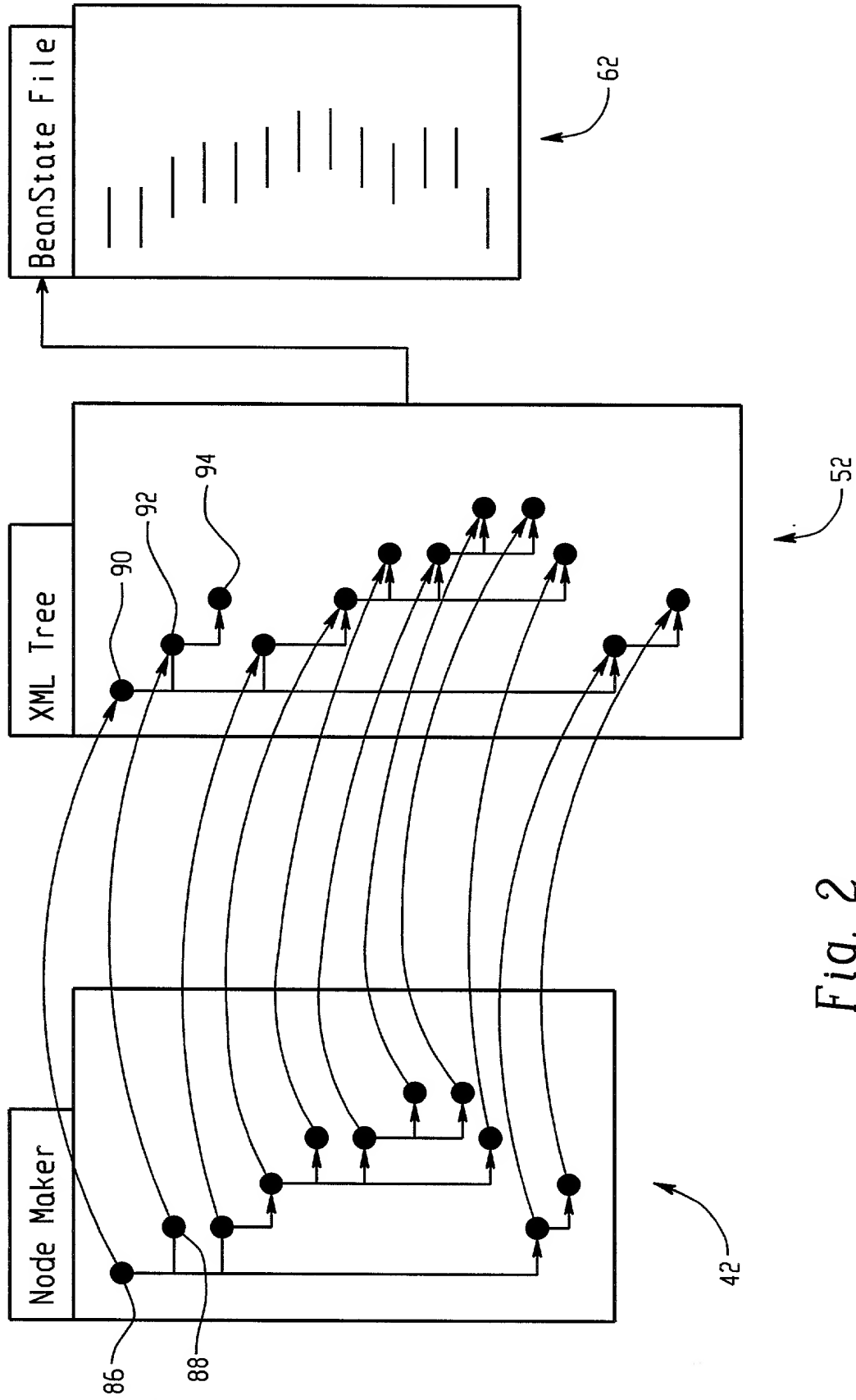
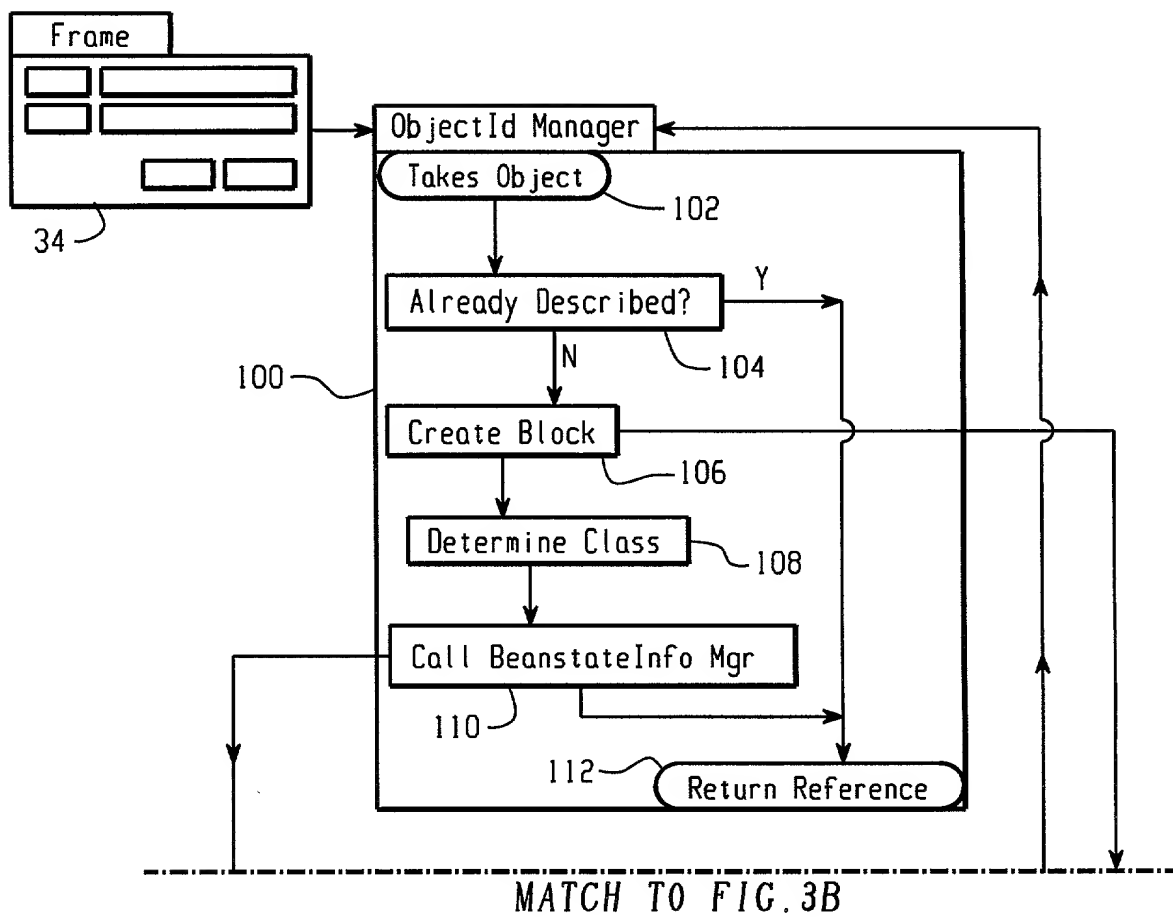


Fig. 2

Fig. 3A



MATCH TO FIG. 3A

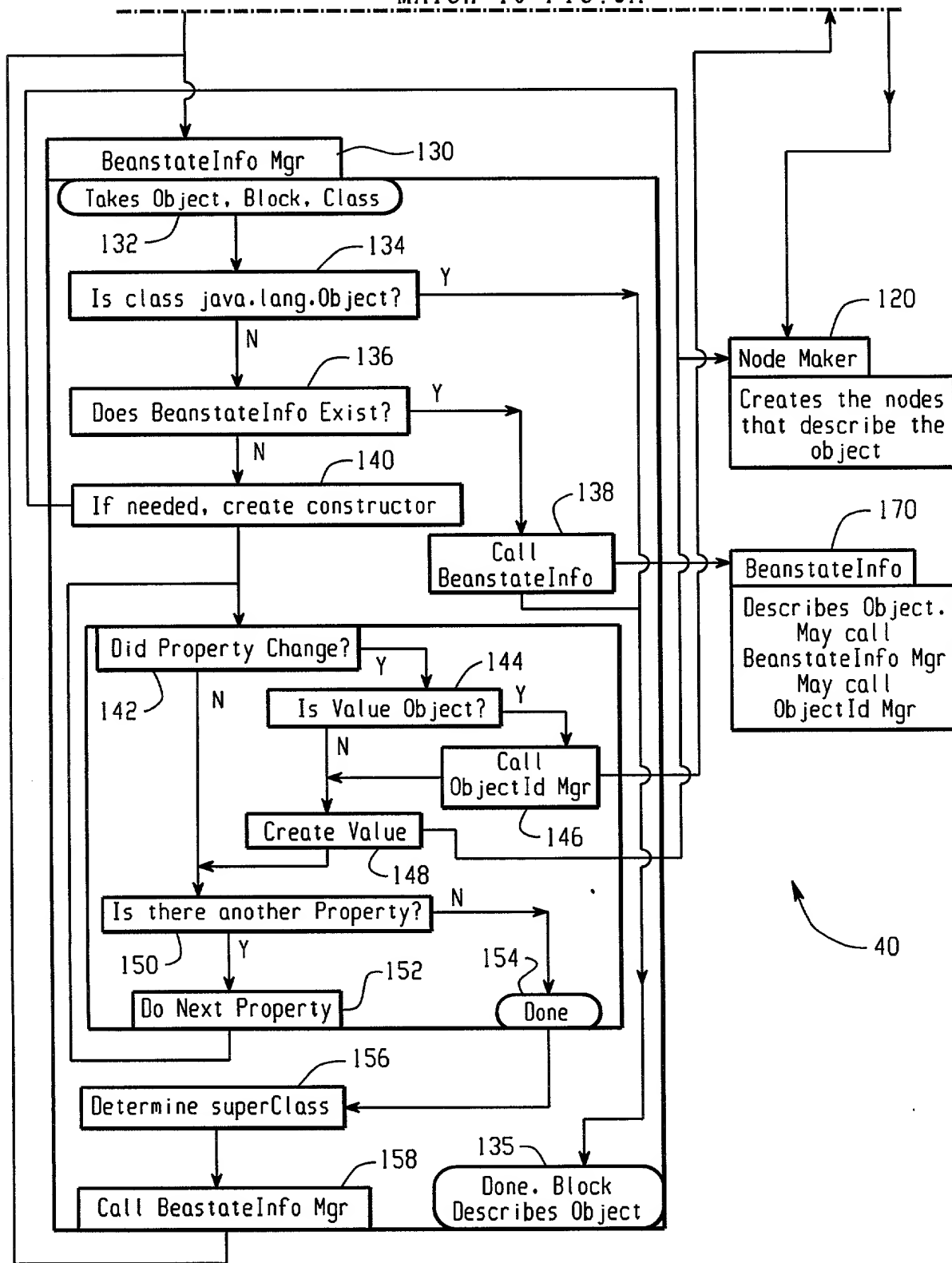


Fig. 3B

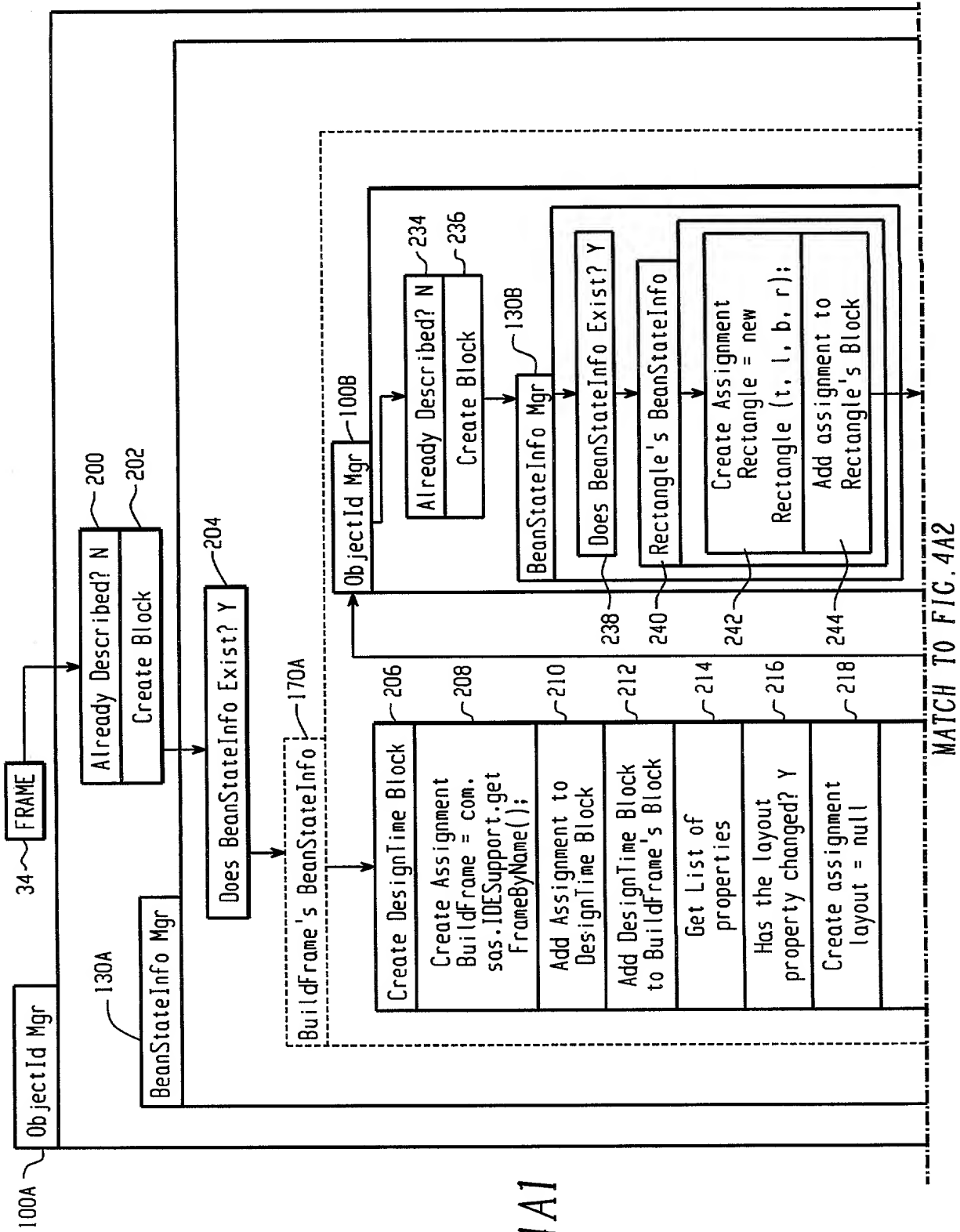


Fig. 4A1

MATCH TO FIG. 4A1

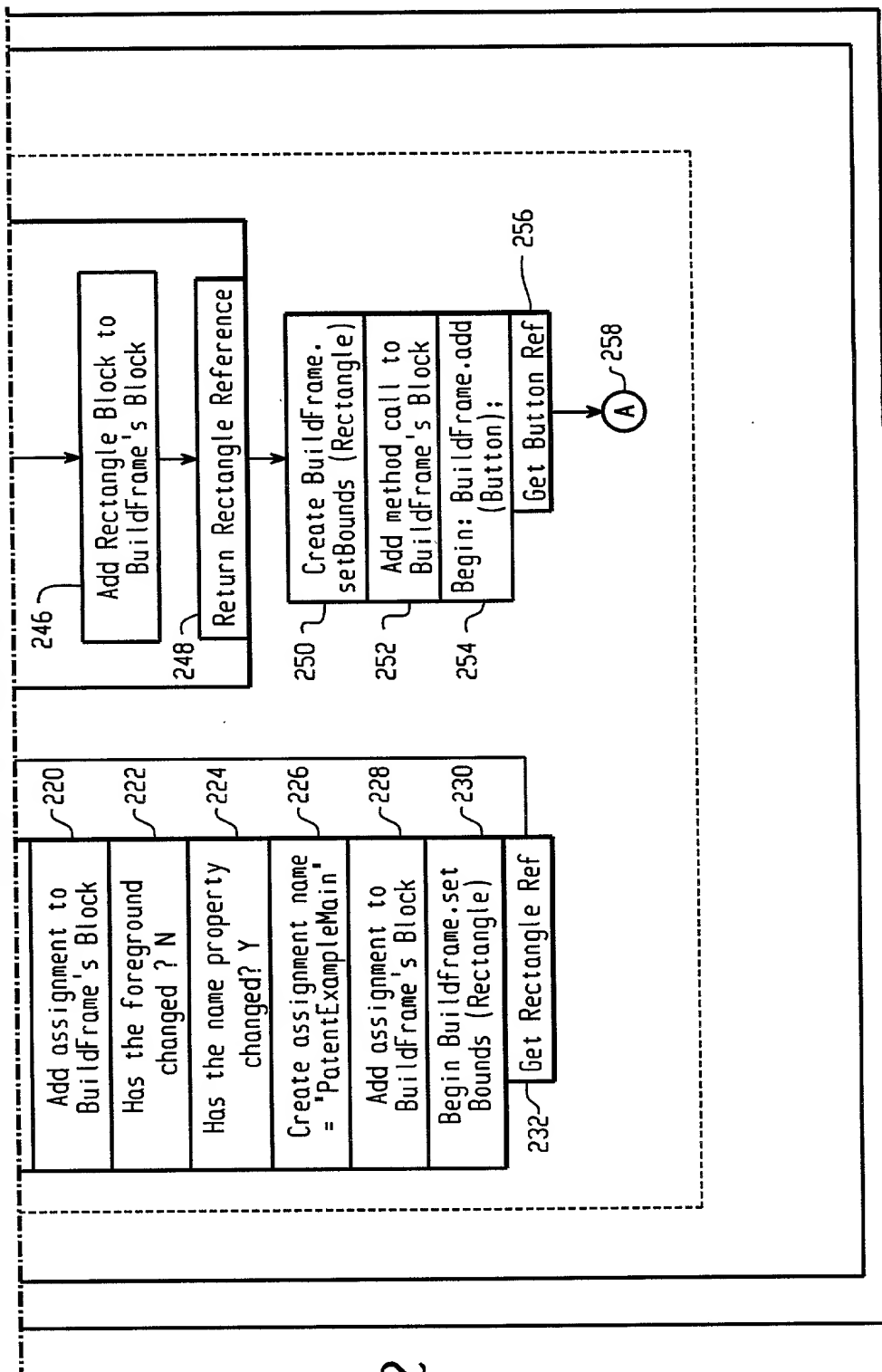


Fig. 4A2

MATCH TO FIG. 4B1

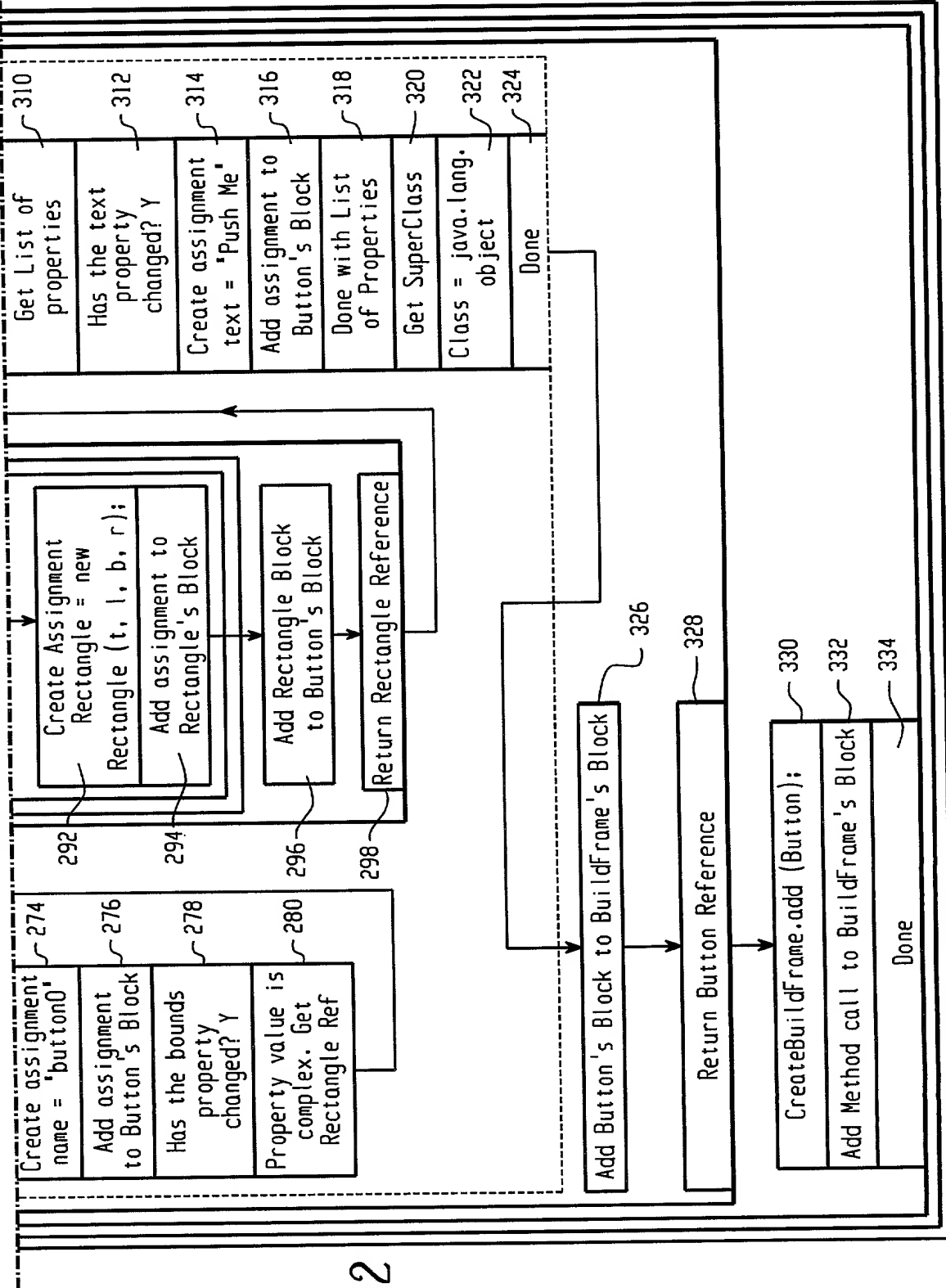
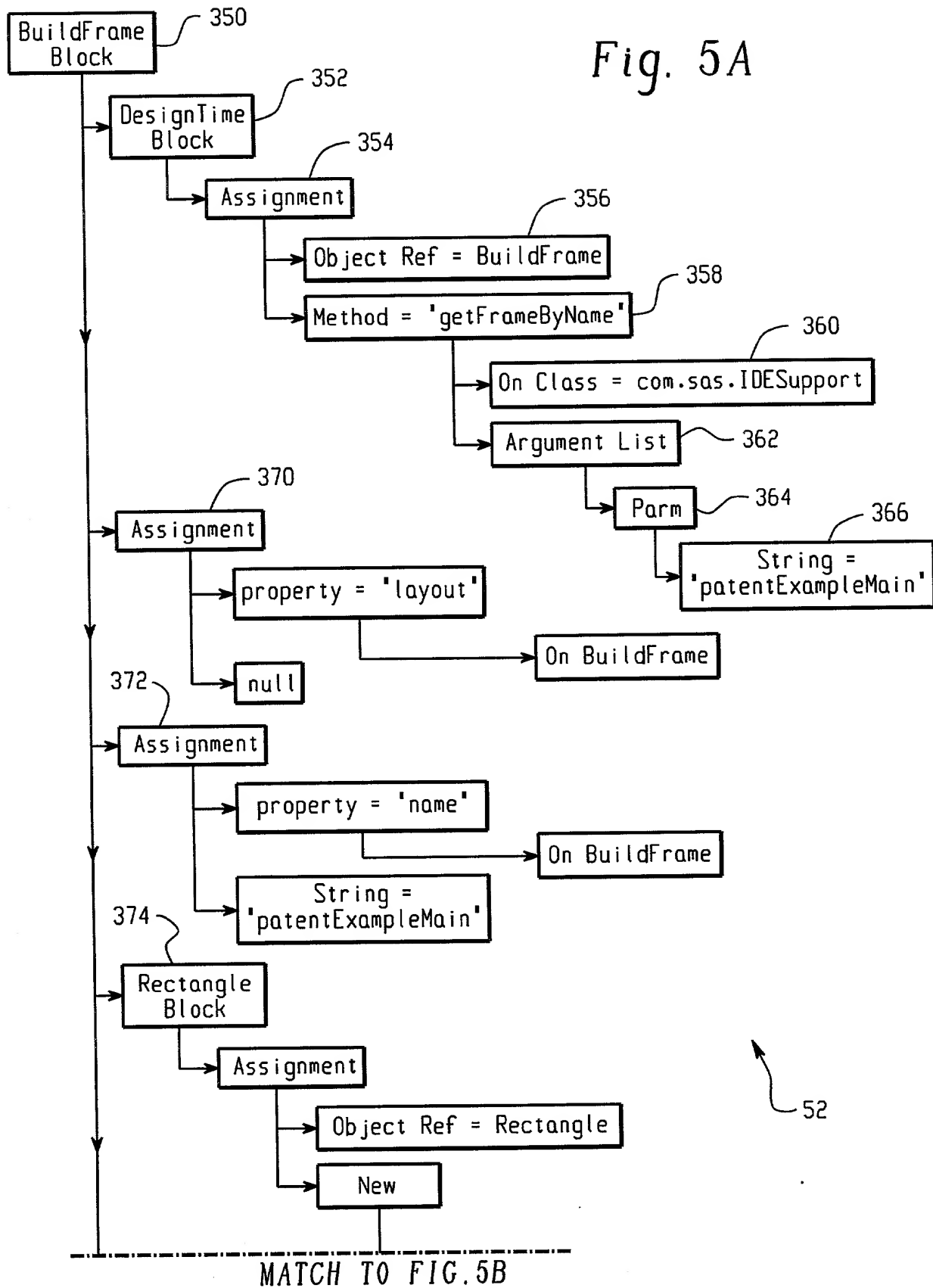
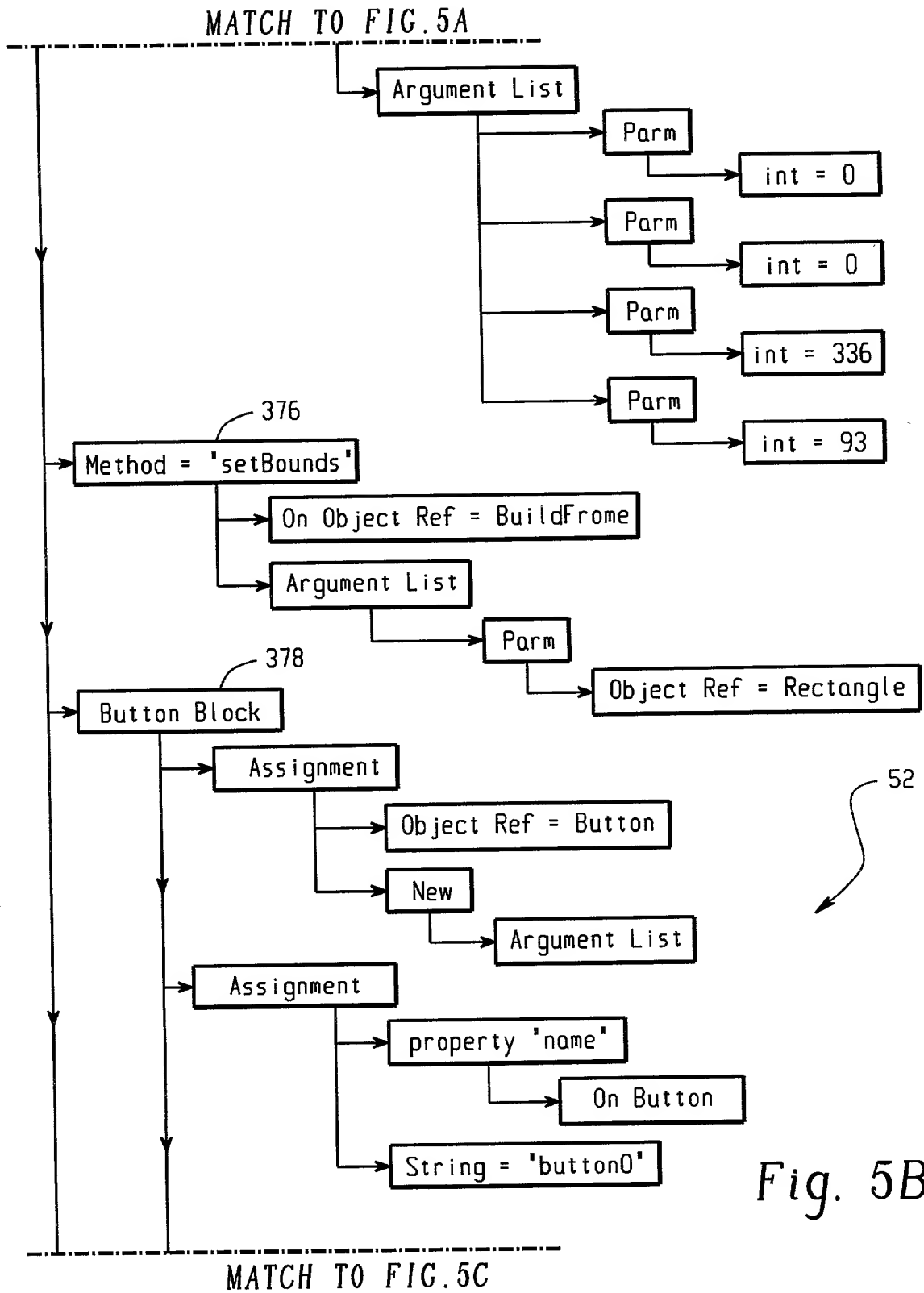


Fig. 4B2

Fig. 5A





```

graph TD
    RB[Rectangle Block] --> A1[Assignment]
    A1 --> OR1[Object Ref = Rectangle 2]
    A1 --> N[New]
    N --> AL1[Argument List]
    AL1 --> P1[Parm]
    P1 --> I1[int = 14]
    AL1 --> P2[Parm]
    P2 --> I2[int = 33]
    AL1 --> P3[Parm]
    P3 --> I3[int = 75]
    AL1 --> P4[Parm]
    P4 --> I4[int = 23]
    RB --> M1["Method = 'setBounds'"]
    M1 --> OR2[On Object Ref = Button]
    M1 --> AL2[Argument List]
    AL2 --> P5[Parm]
    P5 --> OR3[Object Ref = Rectangle 2]
    RB --> A2[Assignment]
    A2 --> PT[property 'text']
    PT --> OB[On Button]
    A2 --> S[String = 'PushMe']
    RB --> M2["Method = 'add'"]
    M2 --> OR4[On Object Ref = BuildFrame]
    M2 --> AL3[Argument List]
    AL3 --> P6[Parm]
    P6 --> OR5[Object Ref = Button]
  
```

Fig. 5C

Fig. 5C

Fig. 6A

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```

400 <block id = '1'>
402   <designTimeBlock>
406     <assignment>
408       <object class = 'com.sas.ide.BuildFrame' id = '1' />
410       <method name = 'getFrameByName' returns = 'java.lang.Object'>
412       <class name = 'com.sas.ide.IDESupport' />
414       <argumentList>
416         <parameter type = 'java.lang.String'>
          <string value = 'patentExampleMain' />
        </parameter>
      </argumentList>
    </method>
  </assignment>
404 </designTimeBlock>

  <assignment>
420   <property name = 'layout' type = 'java.awt.LayoutManager'>
    <object class = 'com.sas.ide.BuildFrame' id = '1' />
  </property>
  <null />
</assignment>

  <assignment>
422   <property name = 'name' type = 'java.lang.String'>
    <object class = 'com.sas.ide.BuildFrame' id = '1' />
  </property>
  <string value = 'patentExampleMain' />
</assignment>

  <block id = '6'>
424   <assignment>
    <object class = 'java.awt.Rectangle' id = '6' />
    <new type = 'java.awt.Rectangle'>
      <argumentList>
        <parameter type = 'int'>
          <int<0>/int>
        </parameter>
        <parameter type = 'int'>
          <int>0</int>
        </parameter>
        <parameter type = 'int'>
          <int>336</int>
        </parameter>
        <parameter type = 'int'>

```

MATCH TO FIG. 6B

MATCH TO FIG. 6A

	<pre> < int>93</int> </parameter> </argument list> </new> </assignment> </pre>
	<pre> </block> </pre>
426	<pre> < method name = 'setBounds' returns = 'void'> < object class = 'com.sas.ide.BuildFrame' id = '1' /> < argumentList> < parameter type = 'jave.awt.Rectangle'> < object class = java.awt.Rectangle' id = '6' /> </parameter> </arguementList> </method> </pre>
428	<pre> < block id = '7'> </pre>
	<pre> < assignment> < object class = 'com.sas.awt.Button' id = '7' /> < new type = 'com.sas.awt.Button'> < argumentList /> < new /> < assignment /> </pre>
	<pre> < assignment> < property name = 'name' type = 'java.lang.String'> < object class = 'com.sas.awt.Button' id = '7' /> </property> < string value = 'button0' /> < assignment /> </pre>
	<pre> < block id '8'> < assignment> < object class = 'java.awt.Rectangle' id = '8' /> < new type = 'java.awt.Rectangle'> < argumentList> < parameter type 'int'> < int>14</int> </pre>

MATCH TO FIG. 6C

Fig. 6B

MATCH TO FIG. 6B

```

</parameter>
<parameter type 'int'>
  <int>33</int>
</parameter>
<parameter type 'int'>
  <int>75</int>
</parameter>
<parameter type 'int'>
  <int>23</int>
</parameter>
</argumentList>
</new>
</assignment>
</block>

```

```

<method name = 'setBounds' returns = 'void'>
  <object class = 'com.sas.awt.Button' id = '7' />
  <argumentList>
    <parameter type = 'com.sas.awt.Rectangle'>
      <object class = 'java.awt.Rectangle' id = '8' />
    </parameter>
  </argumentList>
</method>

```

```

</assignment>
<property name = 'text' type = 'java.lang.String'>
  <object class = 'com.sas.awt.Button' id = '7' />
</property>
<string value = 'Push Me' />
</assignment>

```

```

</block>

```

430

```

<method name = 'add' returns = 'java.awt.Component'>
  <object class = 'com.sas.ide.BuildFrame' id = '1' />
  <argumentList>
    <parameter type = 'java.awt.Component'>
      <object class = 'com.sas.awt.Button' id = '7' />
    </parameter>
  </argumentList>
</method>

```

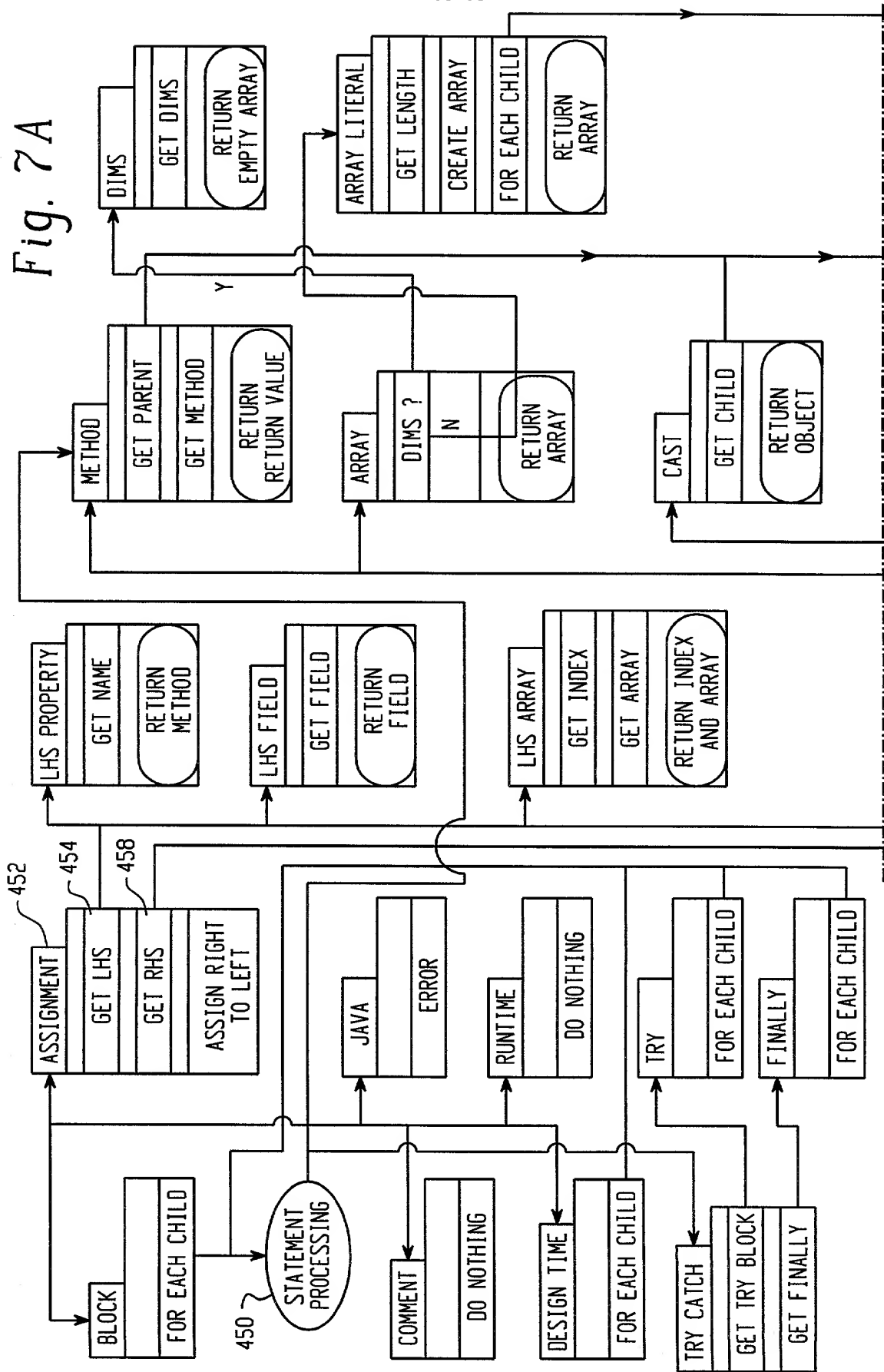
```

</block>

```

Fig. 6C

MATCH TO FIG. 7B



MATCH TO FIG. 7A

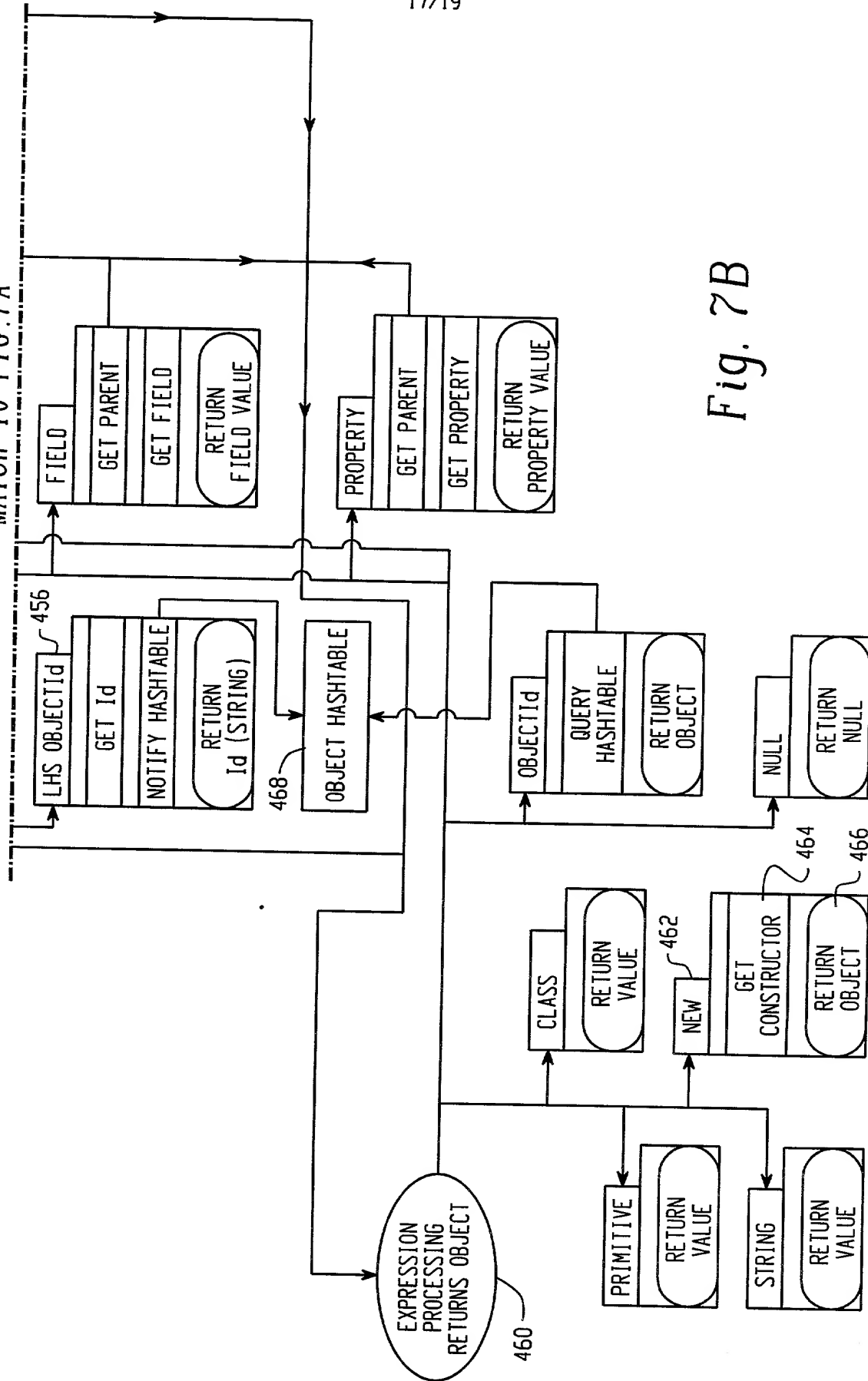
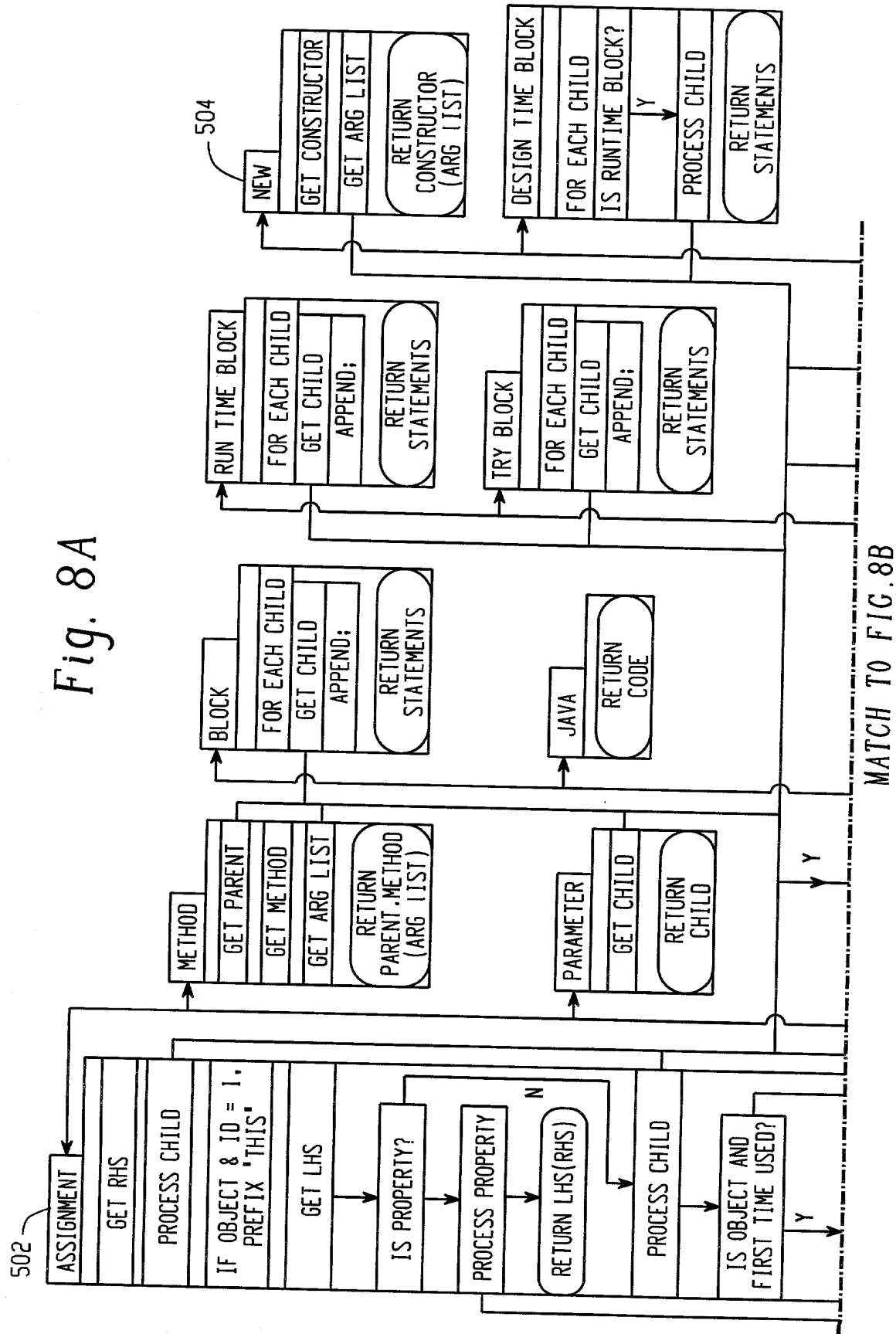


Fig. 7B

Fig. 8A



MATCH TO FIG. 8A

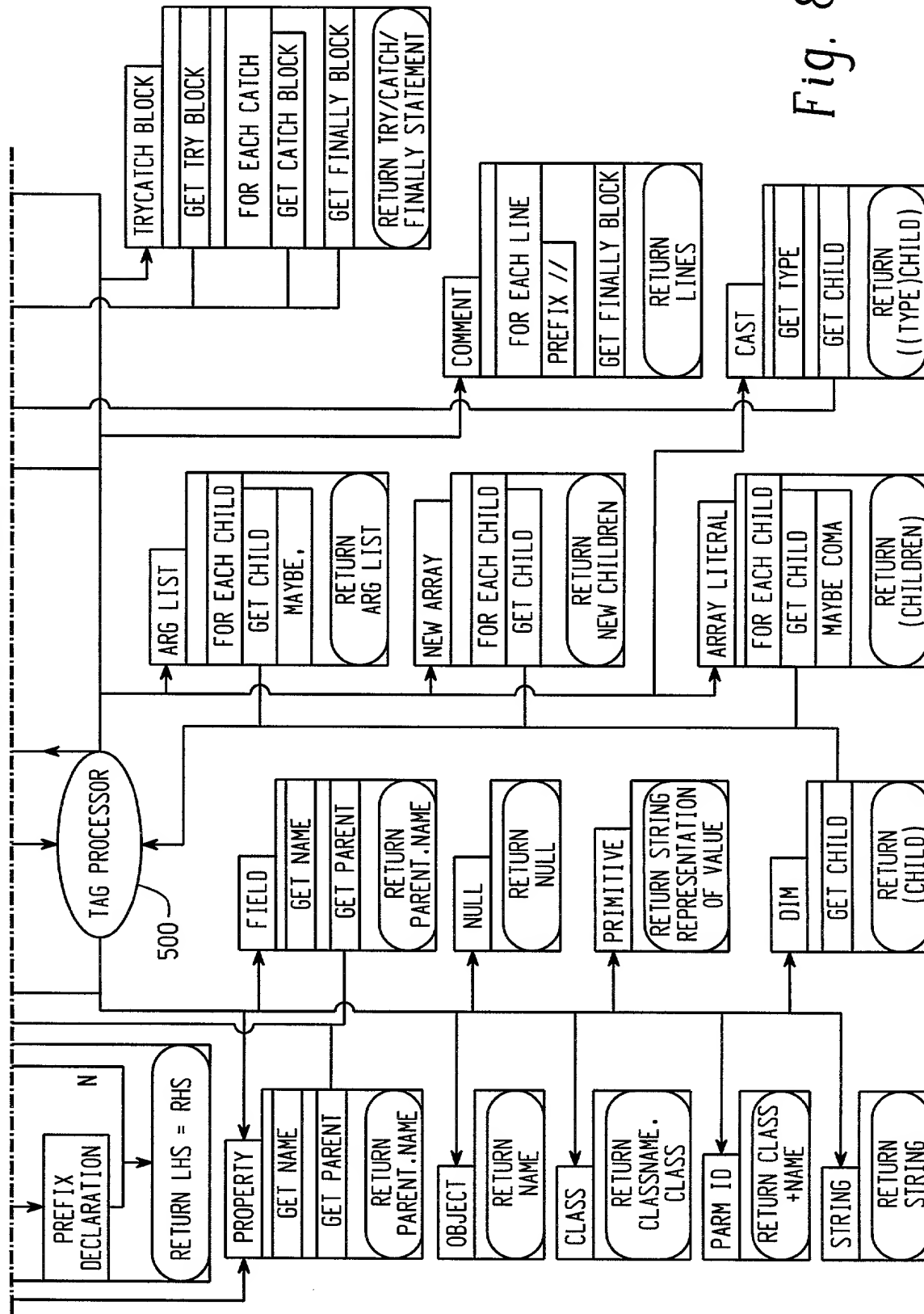


Fig. 8B